<!DOCTYPE html>

<html lang="it">

<head>

<meta charset="UTF-8">

<title>BIO-QUEST: La Sfida Cellulare</title>

<style>

body {

font-family: 'Segoe UI', sans-serif;

background-color: #e0f7fa;

text-align: center;

margin: 0;

padding: 0;

}

header {

background-color: #006064;

color: white;

padding: 20px;

}

#language-select {

margin: 10px;

font-size: 1em;

}

#game-area {

margin-top: 30px;

}

.question {

font-size: 1.5em;

margin-bottom: 20px;

}

.option {

display: block;

margin: 10px auto;

padding: 10px 20px;

background-color: #004d40;

color: white;

border: none;

border-radius: 10px;

cursor: pointer;

transition: background-color 0.3s;

}

.option:hover {

background-color: #00796b;

}

#result {

margin-top: 20px;

font-size: 1.2em;

}

#score {

margin-top: 10px;

font-size: 1.2em;

color: #00695c;

}

</style>

</head>

<body>

<header>

<h1>BIO-QUEST: La Sfida Cellulare</h1>

<select id="language-select">

<option value="it">Italiano</option>

<option value="en">English</option>

<option value="es">Español</option>

<option value="de">Deutsch</option>

</select>

<p id="mission-text">Missione: Aiuta la cellula rispondendo correttamente alle domande!</p>

</header>

<div id="game-area">

<div id="score">Punteggio: 0</div>

<div class="question" id="question">Caricamento domanda...</div>

<div id="options"></div>

<div id="result"></div>

</div>

<script>

const translations = {

it: {

mission: "Missione: Aiuta la cellula rispondendo correttamente alle domande!",

correct: "✅ Corretto!",

wrong: "❌ Sbagliato! La risposta giusta era:",

completed: "Missione completata!",

finalScore: "Punteggio finale:",

scoreLabel: "Punteggio"

},

en: {

mission: "Mission: Help the cell by answering the questions correctly!",

correct: "✅ Correct!",

wrong: "❌ Wrong! The correct answer was:",

completed: "Mission completed!",

finalScore: "Final score:",

scoreLabel: "Score"

},

es: {

mission: "Misión: ¡Ayuda a la célula respondiendo correctamente a las preguntas!",

correct: "✅ ¡Correcto!",

wrong: "❌ ¡Incorrecto! La respuesta correcta era:",

completed: "¡Misión completada!",

finalScore: "Puntuación final:",

scoreLabel: "Puntuación"

},

de: {

mission: "Mission: Hilf der Zelle, indem du die Fragen richtig beantwortest!",

correct: "✅ Richtig!",

wrong: "❌ Falsch! Die richtige Antwort war:",

completed: "Mission abgeschlossen!",

finalScore: "Endpunktzahl:",

scoreLabel: "Punktzahl"

}

};

const quizzes = {

it: [

{ question: "Quale organello è responsabile della produzione di energia?", options: ["Ribosoma", "Mitocondrio", "Nucleo", "Lisosoma"], answer: 1 },

{ question: "Dove avviene la sintesi proteica?", options: ["Mitocondrio", "Apparato di Golgi", "Ribosoma", "Nucleo"], answer: 2 },

{ question: "Qual è la funzione del nucleo?", options: ["Produzione di ATP", "Contenere il DNA", "Sintesi lipidica", "Digestione cellulare"], answer: 1 },

{ question: "Cosa fa il lisosoma?", options: ["Produce energia", "Controlla il metabolismo", "Decompone materiali di scarto", "Sintetizza proteine"], answer: 2 }

],

en: [

{ question: "Which organelle produces energy?", options: ["Ribosome", "Mitochondrion", "Nucleus", "Lysosome"], answer: 1 },

{ question: "Where does protein synthesis occur?", options: ["Mitochondrion", "Golgi apparatus", "Ribosome", "Nucleus"], answer: 2 },

{ question: "What is the function of the nucleus?", options: ["ATP production", "Contains DNA", "Lipid synthesis", "Cell digestion"], answer: 1 },

{ question: "What does the lysosome do?", options: ["Produces energy", "Controls metabolism", "Breaks down waste", "Synthesizes proteins"], answer: 2 }

],

es: [

{ question: "¿Qué orgánulo produce energía?", options: ["Ribosoma", "Mitocondria", "Núcleo", "Lisosoma"], answer: 1 },

{ question: "¿Dónde ocurre la síntesis de proteínas?", options: ["Mitocondria", "Aparato de Golgi", "Ribosoma", "Núcleo"], answer: 2 },

{ question: "¿Cuál es la función del núcleo?", options: ["Producción de ATP", "Contiene ADN", "Síntesis de lípidos", "Digestión celular"], answer: 1 },

{ question: "¿Qué hace el lisosoma?", options: ["Produce energía", "Controla el metabolismo", "Descompone desechos", "Sintetiza proteínas"], answer: 2 }

],

de: [

{ question: "Welches Organell produziert Energie?", options: ["Ribosom", "Mitochondrium", "Zellkern", "Lysosom"], answer: 1 },

{ question: "Wo findet die Proteinsynthese statt?", options: ["Mitochondrium", "Golgi-Apparat", "Ribosom", "Zellkern"], answer: 2 },

{ question: "Was ist die Funktion des Zellkerns?", options: ["ATP-Produktion", "Enthält DNA", "Lipidbiosynthese", "Zellverdauung"], answer: 1 },

{ question: "Was macht das Lysosom?", options: ["Produziert Energie", "Steuert den Stoffwechsel", "Zersetzt Abfallstoffe", "Synthesiert Proteine"], answer: 2 }

]

};

let current = 0;

let score = 0;

let lang = "it";

document.getElementById("language-select").addEventListener("change", function() {

lang = this.value;

document.getElementById("mission-text").textContent = translations[lang].mission;

document.getElementById("score").textContent = `${translations[lang].scoreLabel}: ${score}`;

current = 0;

score = 0;

loadQuestion();

});

function loadQuestion() {

const q = quizzes[lang][current];

document.getElementById("question").textContent = q.question;

const optionsDiv = document.getElementById("options");

optionsDiv.innerHTML = "";

q.options.forEach((opt, i) => {

const btn = document.createElement("button");

btn.textContent = opt;

btn.className = "option";

btn.onclick = () => checkAnswer(i);

optionsDiv.appendChild(btn);

});

document.getElementById("result").textContent = "";

}

function checkAnswer(selected) {

const correct = quizzes[lang][current].answer;

const resultDiv = document.getElementById("result");

if (selected === correct) {

resultDiv.textContent = translations[lang].correct;

score += 10;

} else {

resultDiv.textContent = `${translations[lang].wrong} ${quizzes[lang][current].options[correct]}`;

score -= 5;

}

document.getElementById("score").textContent = `${translations[lang].scoreLabel}: ${score}`;

current++;

if (current < quizzes[lang].length) {

setTimeout(loadQuestion, 2000);

} else {

setTimeout(() => {

document.getElementById("question").textContent = translations[lang].completed;

document.getElementById("options").innerHTML = "";

document.getElementById("result").textContent = `${translations[lang].finalScore} ${score}`;

}, 2000);

}

}

loadQuestion();

</script>

</body>

</html>